

IN THE CLAIMS

1. (Currently Amended) A self-energizing brake assembly comprising:
a support pivotally mounted at an angle relative to a rotatable brake member; ~~and~~
~~an adjustable member biasing said support toward the rotatable brake member wherein~~
~~said adjustable member comprises a compliant member; and~~
a friction member pivotally mounted relative to the support and slideable along said support between engaged and disengaged positions with the rotatable brake member to generate a braking force between said friction member and the rotatable brake member, wherein said angle of said support is variable for controlling a self-energizing gain in said braking force.

2-7. (Cancelled)

8. (Previously Presented) The assembly as recited in claim 1, comprising a drive actuator to apply a force to said friction member by decreasing said angle between the rotatable brake member and said support.

9-11. (Cancelled)

12. (Previously Presented) The assembly as recited in claim 1, wherein said friction member contacts an outer perimeter of the rotatable brake member.

13. (Previously Presented) The assembly as recited in claim 1, wherein said friction member contacts planar surfaces of the rotatable brake member.

14-21. (Cancelled)

22. (Previously Presented) The assembly as recited in claim 1, wherein said braking force comprises a constant applied force component and a generated gain component provided

by the self-energizing brake assembly and said generated gain component is controlled by varying said angle of said support.

23. (Previously Presented) The assembly as recited in claim 1 wherein said support is pivotally mounted relative to the rotatable member at a pivot, and wherein a frictional force generated between said friction member and the rotatable brake member slides said friction member along said support toward said pivot.

24-25. (Cancelled)